

RE-RUN

Rec'd PCT/PTO 09 OCT 2004
10/018691

PCT

RAW SEQUENCE LISTING

DATE: 09/10/2004

PATENT APPLICATION: US/10/018,691

TIME: 15:17:47

Input Set : N:\Crf4\Refhold\10_folder\J018691.raw

Output Set : N:\CRF4\09102004\J018691.raw

1 <110> APPLICANT: Long, David M.
2 Smidansky, Eric D.
3 Strobel, Gary A.
4 <120> TITLE OF INVENTION: Taxol Production via Generation of Extrachromosomal
5 DNAs in the Fungus Pestalotiopsis
6 <130> FILE REFERENCE: 57309-5002-US
7 <140> CURRENT APPLICATION NUMBER: US/10/018,691
8 <141> CURRENT FILING DATE: 2001-12-20
9 <150> PRIOR APPLICATION NUMBER: US 60/091,667
10 <151> PRIOR FILING DATE: 1998-07-02
11 <150> PRIOR APPLICATION NUMBER: PCT/US99/15135
12 <151> PRIOR FILING DATE: 1999-07-02
13 <160> NUMBER OF SEQ ID NOS: 12
14 <170> SOFTWARE: PatentIn Ver. 2.1
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 22
17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial Sequence
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
21 <400> SEQUENCE: 1
22 ttaccgcgcag gacatatcca cg 22
23
24 <210> SEQ ID NO: 2
25 <211> LENGTH: 22
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer
30 <400> SEQUENCE: 2
31 atagctgcgc cgatggtttc ta 22
32
33 <210> SEQ ID NO: 3
34 <211> LENGTH: 54
35 <212> TYPE: DNA
36 <213> ORGANISM: Pestalotiopsis microspora
37 <220> FEATURE:
38 <221> NAME/KEY: repeat_unit
39 <222> LOCATION: (49)..(54)
40 <223> OTHER INFORMATION: This unit is present one or more times.
41 <400> SEQUENCE: 3
42 taaagcaggg aagtatgcgc ttagggtag gtttttaggg ttagcttagg gtta 54
43
44 <210> SEQ ID NO: 4
45 <211> LENGTH: 41
46 <212> TYPE: DNA
47

ENTERED

RAW SEQUENCE LISTING

DATE: 09/10/2004

PATENT APPLICATION: US/10/018,691

TIME: 15:17:47

Input Set : N:\Crf4\Refhold\10_folder\J018691.raw

Output Set: N:\CRF4\09102004\J018691.raw

48 <213> ORGANISM: Pestalotiopsis microspora
49 <220> FEATURE:
50 <221> NAME/KEY: repeat_unit
51 <222> LOCATION: (36)..(41)
52 <223> OTHER INFORMATION: This unit is present one or more times.
53 <400> SEQUENCE: 4
54 acccgtatcg tgagcatcct agcttagggt tattagggtt a 41
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 39
58 <212> TYPE: DNA
59 <213> ORGANISM: Pestalotiopsis microspora
60 <220> FEATURE:
61 <221> NAME/KEY: repeat_unit
62 <222> LOCATION: (34)..(39)
63 <223> OTHER INFORMATION: This unit is present one or more times.
64 <400> SEQUENCE: 5
65 tgcattggagc cgggccacct tagggtagc ttagggta 39
67 <210> SEQ ID NO: 6
68 <211> LENGTH: 26
69 <212> TYPE: DNA
70 <213> ORGANISM: Pestalotiopsis microspora
71 <220> FEATURE:
72 <221> NAME/KEY: repeat_unit
73 <222> LOCATION: (21)..(26)
74 <223> OTHER INFORMATION: This unit is present one or more times.
75 <400> SEQUENCE: 6
76 gtgccgggga tcctagggtta gggta 26
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 28
80 <212> TYPE: DNA
81 <213> ORGANISM: Pestalotiopsis microspora
82 <220> FEATURE:
83 <221> NAME/KEY: repeat_unit
84 <222> LOCATION: (21)..(28)
85 <223> OTHER INFORMATION: This unit is present one or more times.
86 <400> SEQUENCE: 7
87 tggagccggt gagcgtgggt tagggta 28
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 50
91 <212> TYPE: DNA
92 <213> ORGANISM: Pestalotiopsis microspora
93 <220> FEATURE:
94 <221> NAME/KEY: repeat_unit
95 <222> LOCATION: (45)..(50)
96 <223> OTHER INFORMATION: This unit is present one or more times.
97 <400> SEQUENCE: 8
98 tcgatggggg agtatggggg ttagcttagg gttagggttag cttagggtta 50
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 40

RAW SEQUENCE LISTING

DATE: 09/10/2004

PATENT APPLICATION: US/10/018,691

TIME: 15:17:47

Input Set : N:\Cr4\Refhold\10_folder\J018691.raw
Output Set: N:\CRF4\09102004\J018691.raw

102 <212> TYPE: DNA
103 <213> ORGANISM: Pestalotiopsis microspora
104 <220> FEATURE:
105 <221> NAME/KEY: repeat_unit
106 <222> LOCATION: (35)..(40)
107 <223> OTHER INFORMATION: This unit is present one or more times.
108 <400> SEQUENCE: 9
109 ggggagtagt ggggagtacc ttagggtag cttagggtta 40
111 <210> SEQ ID NO: 10
112 <211> LENGTH: 31
113 <212> TYPE: DNA
114 <213> ORGANISM: Pestalotiopsis microspora
115 <220> FEATURE:
116 <221> NAME/KEY: repeat_unit
117 <222> LOCATION: (26)..(31)
118 <223> OTHER INFORMATION: This unit is present one or more times.
119 <400> SEQUENCE: 10
120 ggcacggacg cactgacggt taggggggtt a 31
122 <210> SEQ ID NO: 11
123 <211> LENGTH: 15
124 <212> TYPE: DNA
125 <213> ORGANISM: Pestalotiopsis microspora
126 <220> FEATURE:
127 <221> NAME/KEY: repeat_unit
128 <222> LOCATION: (1)..(6)
129 <223> OTHER INFORMATION: This unit is present one or more times (sequence
130 is at telomeric repeat junction near 5' end of
131 extrachromosomal DNA).
132 <400> SEQUENCE: 11
133 ccctaaccga cgcta 15
135 <210> SEQ ID NO: 12
136 <211> LENGTH: 27
137 <212> TYPE: DNA
138 <213> ORGANISM: Pestalotiopsis microspora
139 <220> FEATURE:
140 <221> NAME/KEY: repeat_unit
141 <222> LOCATION: (22)..(27)
142 <223> OTHER INFORMATION: This unit is present one or more times (sequence
143 is at telomeric repeat junction near 3' end of
144 extrachromosomal DNA).
145 <400> SEQUENCE: 12
146 ccgggccacc ttagggtag cttaggg 27

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/018,691

DATE: 09/10/2004

TIME: 15:17:48

Input Set : N:\Crf4\Refhold\10_folder\J018691.raw

Output Set: N:\CRF4\09102004\J018691.raw

STATISTICS SUMMARY

PATENT APPLICATION: US/10/018,691

DATE: 09/10/2004
TIME: 15:17:48Input Set : N:\Crf4\Refhold\10_folder\J018691.raw
Output Set: N:\CRF4\09102004\J018691.raw

Application Serial Number: US/10/018,691
Alpha or Numeric or Xml: Numeric
Application Class:
Application File Date: 12-20-2001
Art Unit: PCT
Software Application: PatentIN2.1
Total Number of Sequences: 12
Total Nucleotides: 395
Total Amino Acids: 0
Number of Errors: 0
Number of Warnings: 0
Number of Corrections: 0

MESSAGE SUMMARY